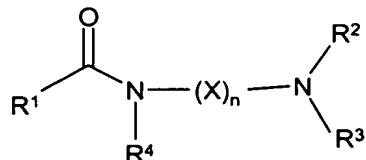


What is claimed is:

1. A compound of formula I



wherein :

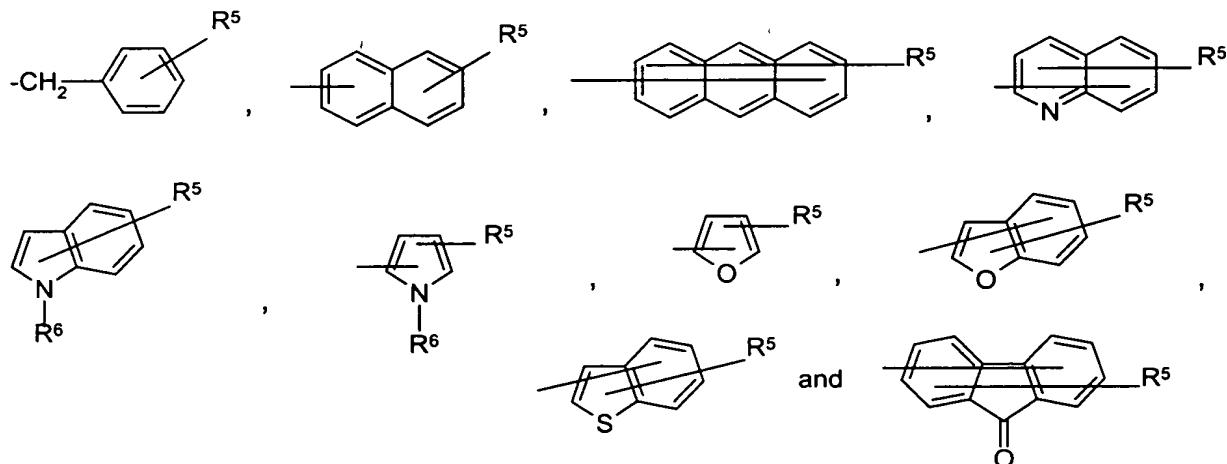
5 R^1 is hydrogen, $\text{C}_1\text{-}\text{C}_4$ alkyl, or $\text{C}_2\text{-}\text{C}_4$ alkenyl;

R^2 and R^3 independently are hydrogen, $\text{C}_1\text{-}\text{C}_4$ alkyl, phenyl or benzyl, or taken together with the nitrogen to which they are attached complete a ring having from 4 to 7 ring atoms, one optionally being oxygen;

X is $(\text{CH}_2)_n$, $\text{CHMe}-(\text{CH}_2)_{n-1}$ or $(\text{CH}_2)_{n-1}-\text{CHMe}$,

10 n is 1, 2 or 3;

R^4 is an aromatic or heteroaromatic group selected from



wherein R^5 is hydrogen, halogen, $\text{C}_1\text{-}\text{C}_4$ alkyl, nitro, N_3 or CF_3 and R^6 is hydrogen, $\text{C}_1\text{-}\text{C}_4$

alkyl, $-(\text{C}=\text{O})\text{Me}$, $-(\text{C}=\text{O})\text{NH}_2$, $\text{O}=\text{C}(\text{O})\text{OCH}_2\text{Ph}$ or $\text{O}=\text{C}(\text{O})\text{O}(\text{Me})_3$;

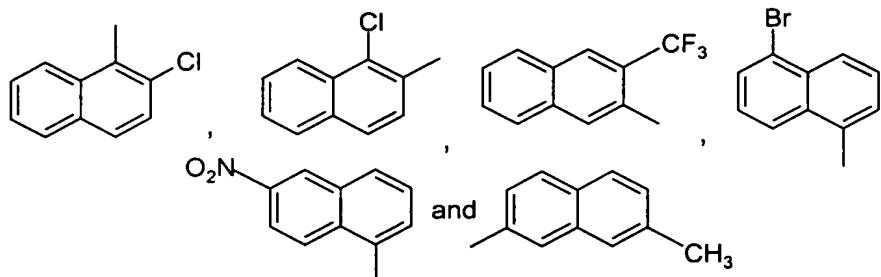
15 and the pharmaceutically acceptable salts thereof.

2. A compound according to claim 1 wherein R¹ is C₁-C₄ alkyl.

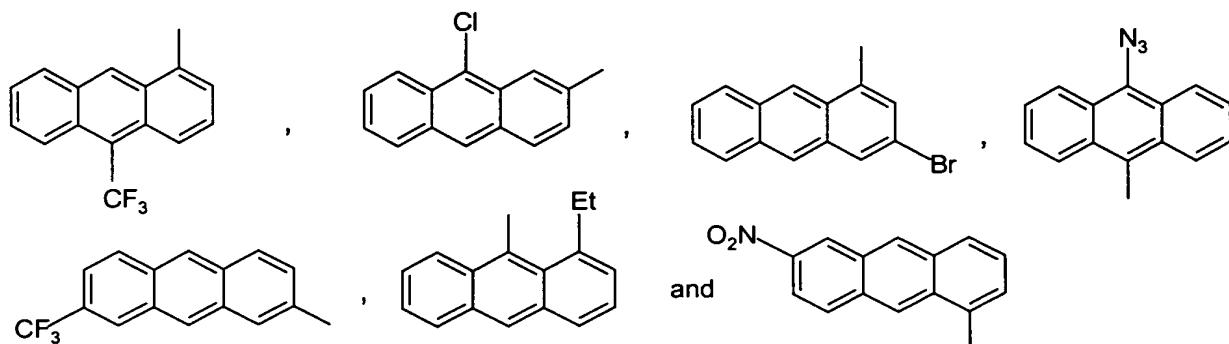
3. A compound according to Claim 2 wherein R² and R³ independently are C₁-C₄ alkyl.

5. 4. A compound according to Claim 3 wherein n is 2 or 3.

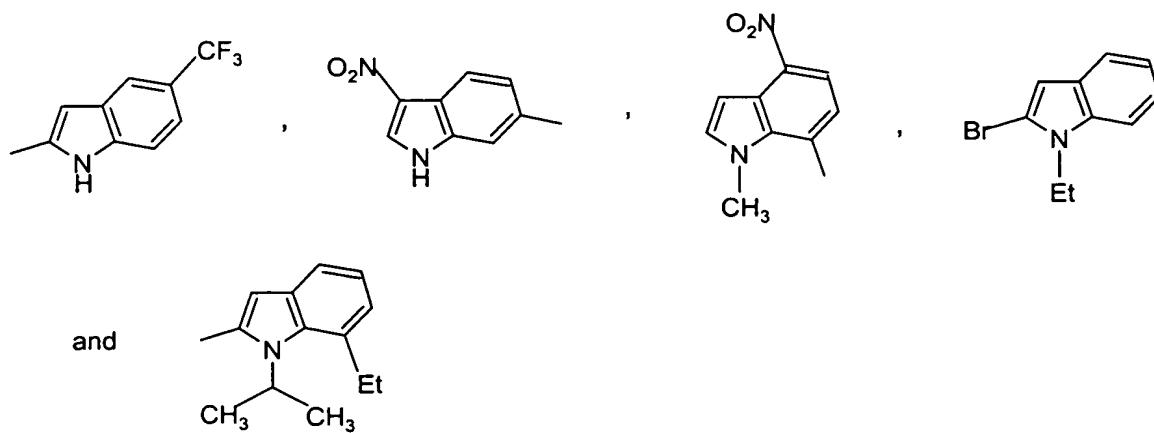
5. A compound according to Claim 4 wherein R⁴ is selected from



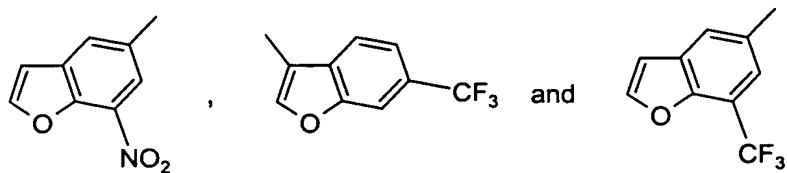
6. A compound according to Claim 4 wherein R⁴ is selected from



7. A compound according to Claim 4 wherein R⁴ is selected from

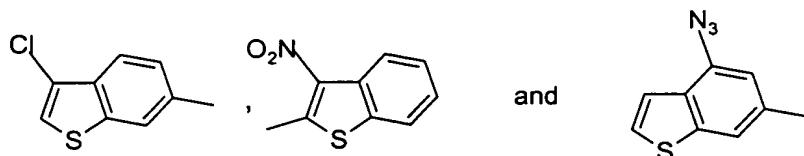


8. A compound according to Claim 4 wherein R⁴ is selected from

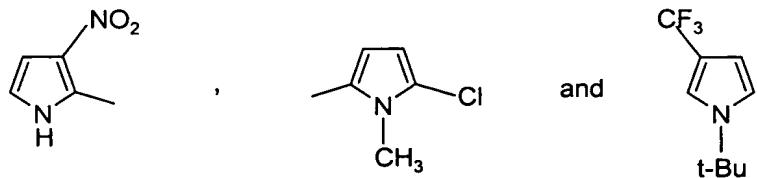


9. A compound according to Claim 4 wherein R⁴ is selected from

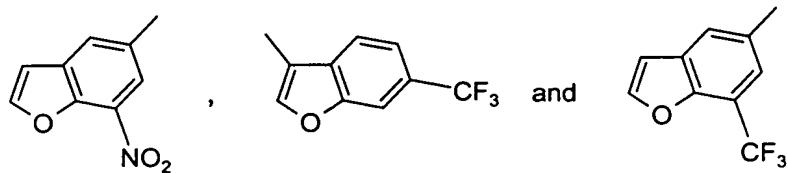
5



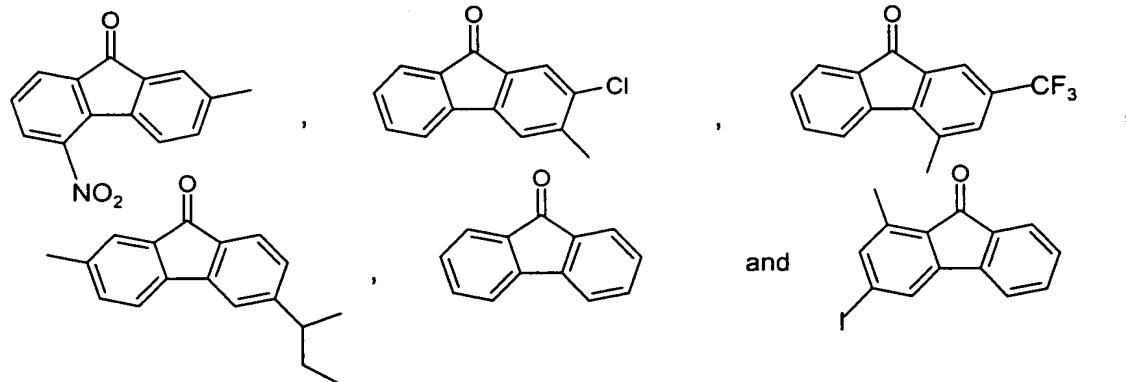
10. A compound according to Claim 4 wherein R⁴ is selected from



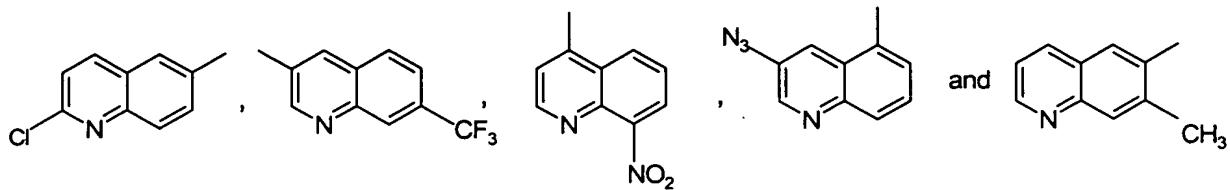
11. A compound according to Claim 4 wherein R⁴ is selected from



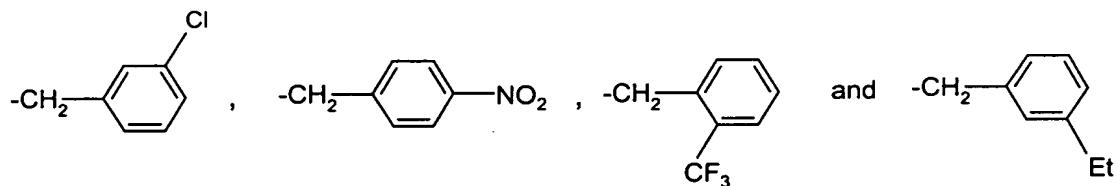
10 12. A compound according to Claim 4 wherein R⁴ is selected from



13. A compound according to Claim 4 wherein R⁴ is selected from



5 14. A compound according to Claim 4 wherein R⁴ is selected from



15. A compound according to any one of Claims 5 to 14 which is selected from

- N-Propionyl, N-(2-Diethylaminoethyl)-1-amino-4-chloronaphthalene
- N-Propionyl, N-(2-Diethylaminoethyl)-4-amino-9-fluorenone
- N-Propionyl, N-(2-Diethylaminoethyl)-1-amino-4-bromonaphthalene
- N-Propionyl, N-(N-Morpholino)-1-amino-4-chloronaphthalene
- N-Propionyl, N-(2-(3-diethylamino-propyl))-1-amino-4-chloronaphthalene
- N-Propionyl, N-(2-Diethylaminoethyl)-1-amino-4-azidonaphthalene
- N-Propionyl, N-(2-Diethylaminoethyl)-3-chlorobenzyl-amine
- N-Propionyl, N-(2-Diethylaminoethyl)-3-bromobenzyl-amine
- N-Propionyl, N-(2-Piperidylethyl)-1-amino-4-chloronaphthalene
- N-Propionyl, N-(2-(3-dimethylamino-propyl))-1-amino-4-chloronaphthalene
- N-Propionyl, N-(2-Dimethylaminoethyl)-1-amino-4-chloronaphthalene
- N-Propionyl, N-(2-(N-benzyl)-aminoethyl)-1-aminonaphthalene
- N-(2-Diethylamino-ethyl)-N-(7-methyl-quinolin-4-yl)-propionamide
- N-Acryloyl, N-(2-diethylaminoethyl)-1-amino-4-chloronaphthalene, and
- N-Propionyl, N-(2-Diethylaminoethyl)-(1-amino-4-nitronaphthalene).

10 16. N-Propionyl, N-(2-Diethylaminoethyl)-1-amino-4-chloronaphthalene.

17. N-Propionyl, N-(2-Diethylaminoethyl)-4-amino-9-fluorenone.

18. N-Propionyl, N-(2-Diethylaminoethyl)- 1-amino-4-bromonaphthalene.

19. N-Propionyl, N-(N-Morpholino)-1-amino-4-chloronaphthalene.

5

20. N-Propionyl, N-(2- (3-diethylamino-propyl))-1-amino-4-chloronaphthalene.

21. N-Propionyl, N-(2-Diethylaminoethyl)-1-amino-4-azidonaphthalene.

10 22. N-Acryloyl, N-(2-diethylaminoethyl)-1-amino-4-chloronaphthalene.

23. N-Propionyl, N-(2-Diethylaminoethyl)-(1-amino-4-nitronaphthalene).

15 24. A compound according to any one of Claims 1 to 23 which is a pharmaceutically acceptable salt.

25. A pharmaceutical formulation comprising a compound of any one of Claims 1 to 24 together with a pharmaceutically acceptable diluent, carrier or excipient therefor.

20 26. A method for treating a CNS disorder in a mammal in need of treatment comprising administering a CNS effective amount of a compound of any one of Claims 1 to 24.

27. A method according to claim 26 wherein the CNS disorder is selected from pain, depression, anxiety, or schizophrenia.

25

28. A method according to Claim 26 wherein the CNS disorder is selected from Huntington's disease, Alzheimer's disease or amyotrophic lateral sclerosis.